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... We give a characterization of these web structures. We present two modifications to the adjacency **matrix** input to the **HITS algorithm**. ...

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... 1. **HITS ALGORITHM** In the **HITS algorithm**[3], each webpage i has both a hub score y_i and an authority score x_i . The ... L is the adjacency **matrix** of the web graph ...

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[CITATION] Modifications of Kleinberg's HITS algorithm using matrix exponentiation and web log records

A Farahat, T Lofaro, JC Miller, G Rae, F Schaefer, ... - ACM SIGIR Conference, 2001

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R Kumar, P Ragbavan, S Rajagopalan, A Tomkins, ... - Computer, 2002 - ieeeexplore.ieee.org

... substantiated the improve- ments associated with several extensions to the basic **HITS algorithm**. ... $\text{indeg}(j)$. Here $A = [a_{ij}]$ is the adjacency **matrix** that **HITS** ...

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D Cohn, H Chang - Proceedings of the 17th International Conference on Machine ..., 2000 - cse.msu.edu

... Hypertext-Induced Topic Selection" (**HITS**) **algorithm** and its variations (Bharat & Henzinger, 1998 Kleinberg, 1997). The process begins with a **matrix** M of ...

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TH Haveliwala - IEEE Transactions on Knowledge and Data Engineering, 2003 - doi.ieeecomputersociety.org

... 7]. PageRank has a clear efficiency advantage over the **HITS algorithm**, as the ... Let A be the square, stochastic **matrix** corresponding to the directed Web graph

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Link analysis, eigenvectors and stability - group of 20 »

AY Ng, AX Zheng, MI Jordan - International Joint Conference on Artificial Intelligence (..., 2001 - ai.stanford.edu

... a **matrix** capturing the citation patterns, and determines authorities by computing the principal eigen- vector of the **matrix**. 1 3.1 **HITS algorithm** The **HITS** ...

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Analysis and improvement of HITS algorithm for detecting Web communities - group of 10 »

S Nomura, S Oyama, T Hayamizu, T Ishida - Applications and the Internet, 2002.(SAINT 2002). ..., 2002 - ieeeexplore.ieee.org

... The projection method modifies the **HITS algorithm** at the stage of eigenvalues

computation. In the first place, we try to interpret the **matrix** l

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S Chakrabarti, BE Dom, SR Kumar, P Raghavan, S ... - Computer, 1999 - [ieeexplore.ieee.org](#)

... containing all edges that connect two nodes in S. The **HITS algorithm** starts by ... Let

us number the pages {1, 2, . . . , n} and define their adjacency **matrix** A to ...

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JM Pujol, R Sangüesa, J Delgado - Proceedings of the first international joint conference on ..., 2002 -

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... As it can be seen in equation 9, **matrix** J contains the jumping probability of a ... Pagerank

with the $e=0.15$ and also against the results of the **HITS algorithm**. ...

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... 2. **KLEINBERG'S HITS ALGORITHM** Consider a directed graph G on $[n]$ with adjacency matrix M . Let h be the vector whose i th entry $h(i)$ is the hub weight ...

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... , S Rajagopalan, A Tomkins, D Gibson, J Kleinberg - Computer, 1999 - ieexplore.ieee.org

... Jon Kleinberg Cornell University ... edges that connect two nodes in S . The **HITS algorithm** starts by ... pages $\{1, 2, \dots, n\}$ and define their adjacency matrix A to ...

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J Kleinberg, R Kumar, P Raghavan, S Rajagopalan, A ... - Proceedings of the International Conference on Combinatorics ..., 1999 - Springer

... and define their adjacency matrix A to be the $n \times n$ matrix whose (i, j) entry is A_{ij} if there is an edge from i to j in S . In subsequent work [5,9,10], the **HITS algorithm** has been generalized by ...

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Mining the Link Structure of the World Wide Web - group of 10 »

... , BE Dom, D Gibson, J Kleinberg, R Kumar, P ... - IEEE Computer, 1999 - cs.cornell.edu

... Jon Kleinberg & Ravi Kumar & Prabhakar Raghavan ... one other set of modifications to the basic **HITS algorithm**. ... sums become weighted sums, and the matrix A now ...

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[CITATION] Modifications of Kleinberg's HITS algorithm using matrix exponentiation and web log records

A Farahat, T Lofaro, JC Miller, G Rae, F Schaefer, ... - ACM SIGIR Conference, 2001

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Link analysis, eigenvectors and stability - group of 20 »

AY Ng, AX Zheng, MI Jordan - International Joint Conference on Artificial Intelligence (... , 2001 - ai.stanford.edu

... patterns, and determines authorities by computing the principal eigen- vector of the matrix. 1.3.1 **HITS algorithm** The **HITS algorithm** [Kleinberg, 1998] posits ...

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... 1. **HITS ALGORITHM** In the **HITS algorithm**[3], each webpage i has both a ... containing out-degrees of all nodes, and R is the co-reference matrix. ... [3] JM Kleinberg. ...

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Henzinger, 1998 **Kleinberg**, 1997). The process begins with a **matrix** M of ...
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... **HITS algorithm Kleinberg's** hyperlinked induced topic search (**HITS** ... with several
extensions to the basic **HITS algorithm**. ... ij] is the adjacency **matrix** that **HITS** ...
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TH Haveliwala - IEEE Transactions on Knowledge and Data Engineering, 2003 - [doi.ieeecomputersociety.org](#)
... The **HITS algorithm** proposed by **Kleinberg** [22] relies on ... efficiency advantage over
the **HITS algorithm**, as the ... be the square, stochastic **matrix** corresponding to ...
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